

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075176.D
 Acq On : 23 Jan 2023 15:27
 Operator : KP/SY
 Sample : 01233-06
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P37A

Quant Time: Jan 23 15:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

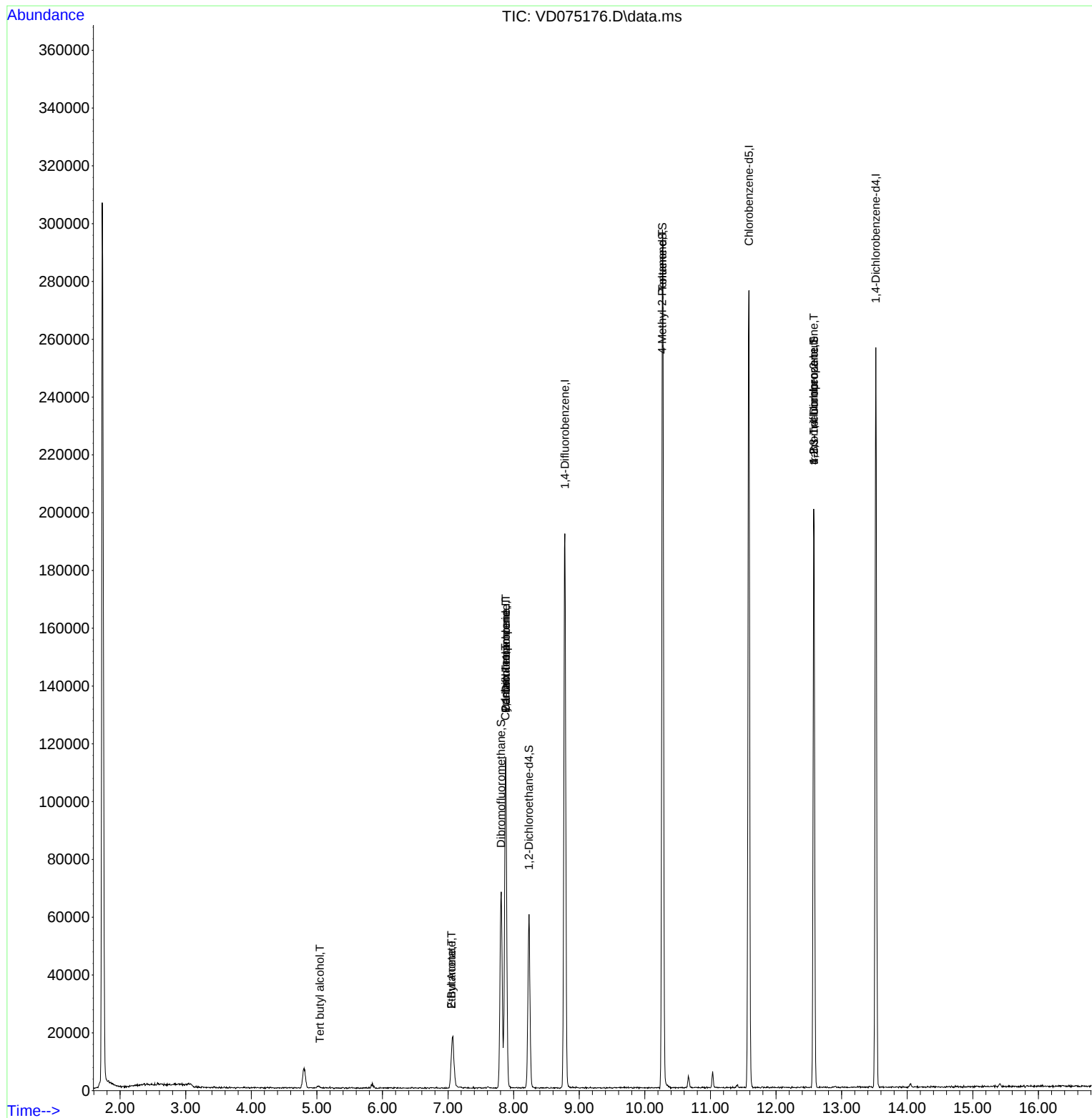
Internal Standards						
1) Pentafluorobenzene	7.881	168	85119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	168462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	154125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44088	50.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.810	113	49031	48.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.340%	
50) Toluene-d8	10.269	98	206068	51.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.575	95	63633	50.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	157	2.591	ug/l #	89
20) Methylene Chloride	4.799	84	5276	Below Cal		93
25) 2-Butanone	7.051	43	830	2.998	ug/l #	50
31) Cyclohexane	7.875	56	2314	1.328	ug/l #	13
36) 1,1-Dichloropropene	7.881	75	7862	4.807	ug/l #	46
37) Ethyl Acetate	7.051	43	830	1.260	ug/l #	67
38) Carbon Tetrachloride	7.881	117	9222	6.697	ug/l #	17
51) 4-Methyl-2-Pentanone	10.263	43	956	1.553	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	32800	61.055	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32800	141.621	ug/l #	14

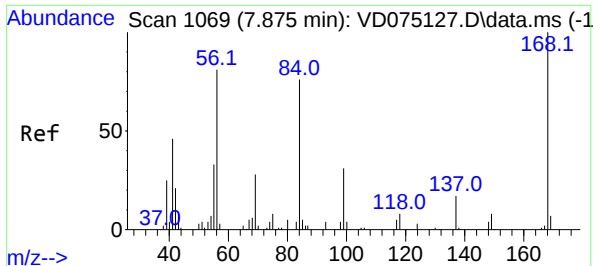
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
Data File : VD075176.D
Acq On : 23 Jan 2023 15:27
Operator : KP/SY
Sample : 01233-06
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P37A

Quant Time: Jan 23 15:36:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

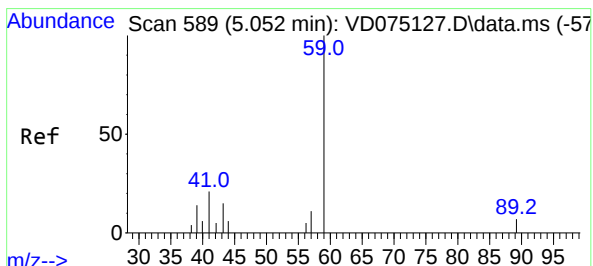
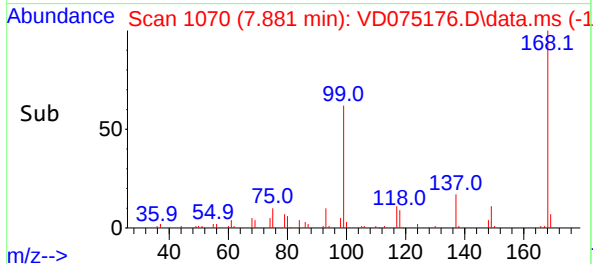
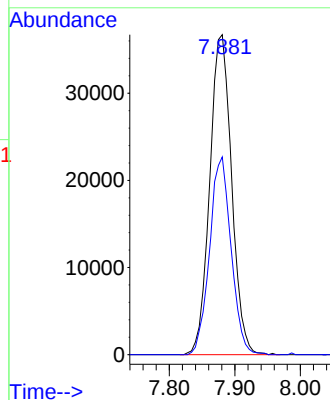
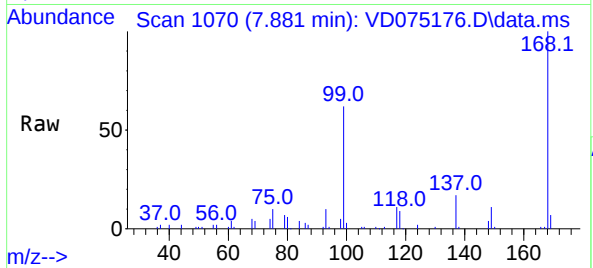




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

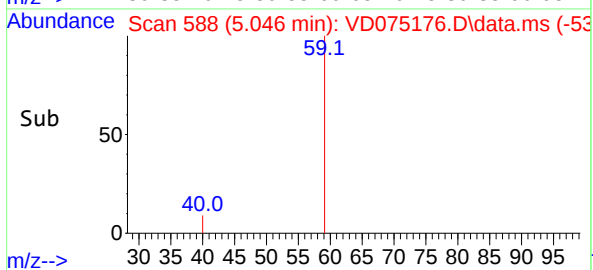
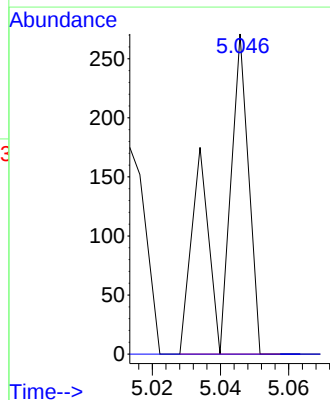
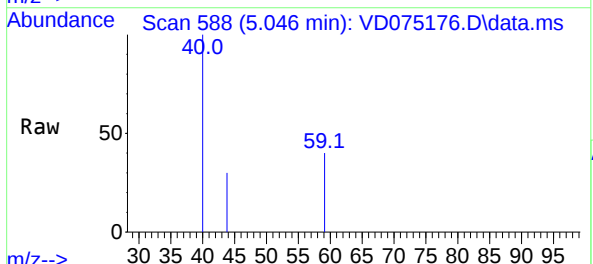
Instrument :
MSVOA_D
ClientSampleId :
B-P37A

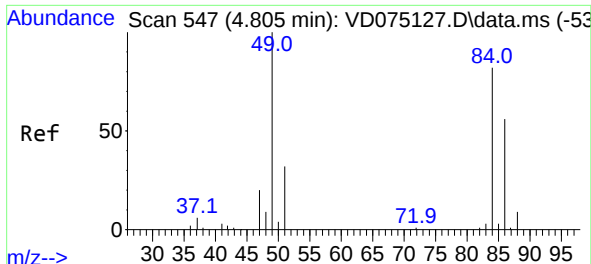
Tgt Ion:168 Resp: 85119
Ion Ratio Lower Upper
168 100
99 61.8 45.2 67.8



#11
Tert butyl alcohol
Concen: 2.591 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#

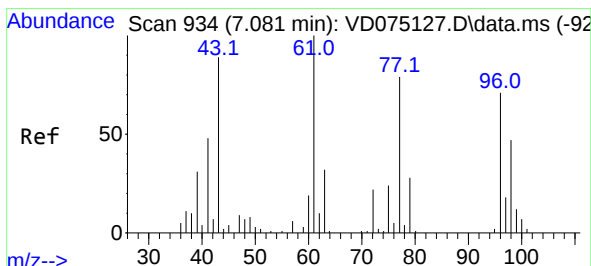
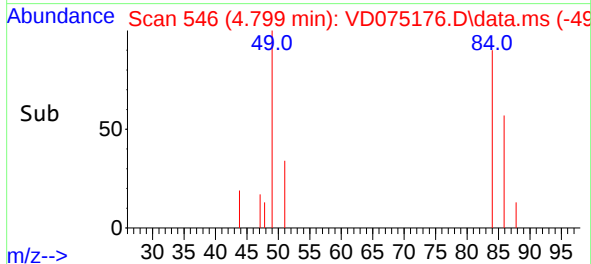
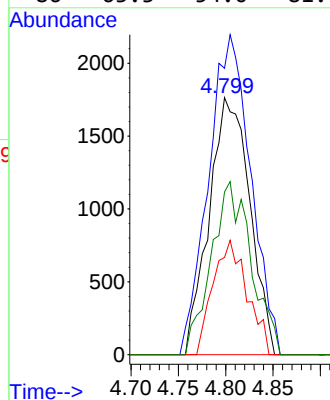
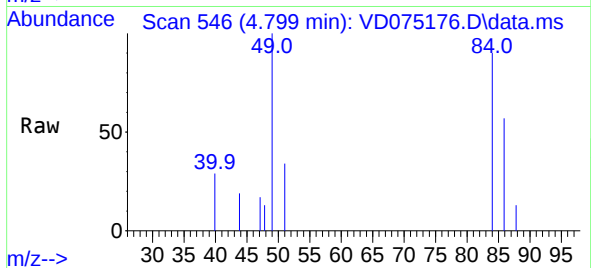




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

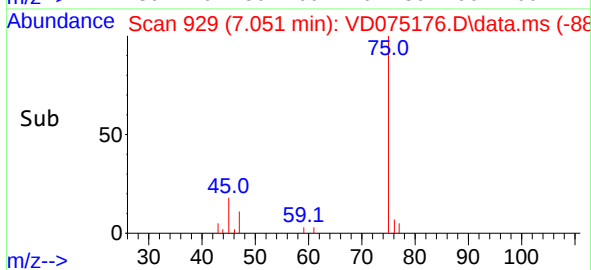
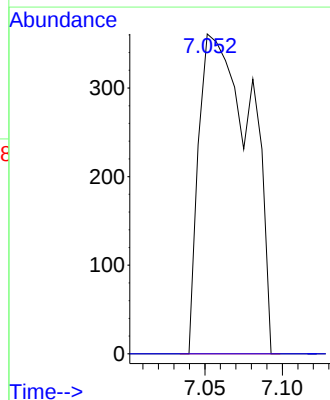
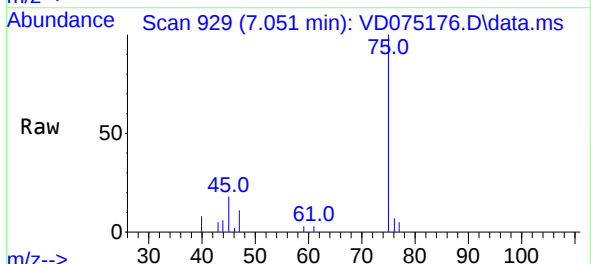
Instrument :
MSVOA_D
ClientSampleId :
B-P37A

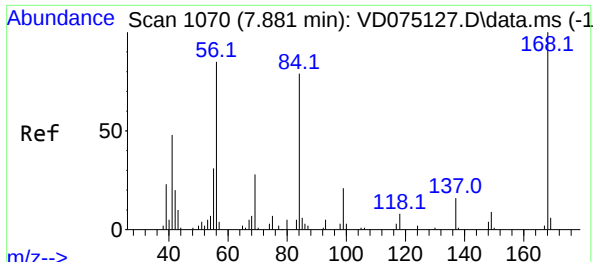
Tgt Ion:	84	Resp:	5276
Ion	Ratio	Lower	Upper
84	100		
49	111.3	97.0	145.6
51	37.8	30.9	46.3
86	63.3	54.0	81.0



#25
2-Butanone
Concen: 2.998 ug/l
RT: 7.051 min Scan# 929
Delta R.T. -0.030 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion:	43	Resp:	830
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#





#31

Cyclohexane

Concen: 1.328 ug/l

RT: 7.875 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD075176.D

Acq: 23 Jan 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

B-P37A

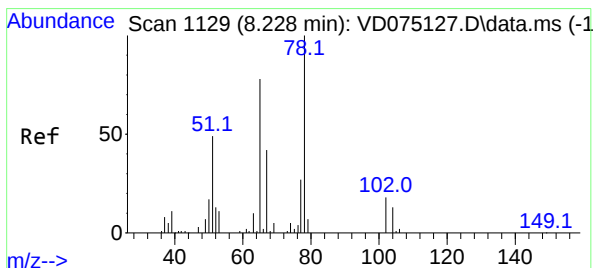
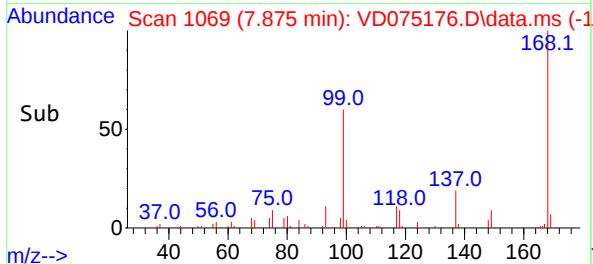
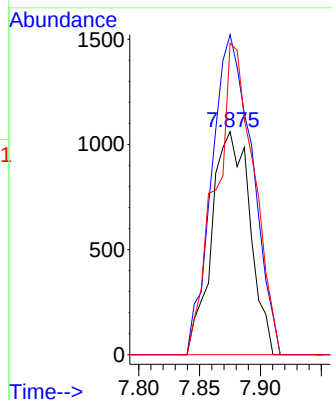
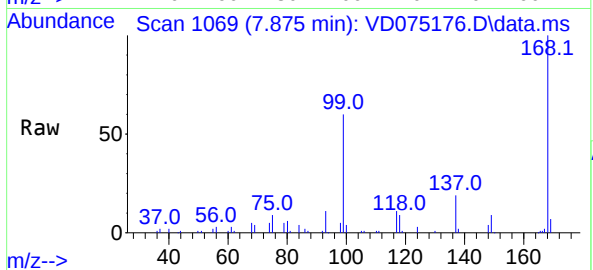
Tgt Ion: 56 Resp: 2314

Ion Ratio Lower Upper

56 100

69 143.4 26.6 40.0#

84 139.6 74.1 111.1#



#33

1,2-Dichloroethane-d4

Concen: 50.759 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075176.D

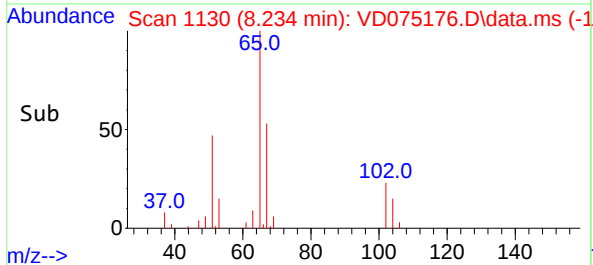
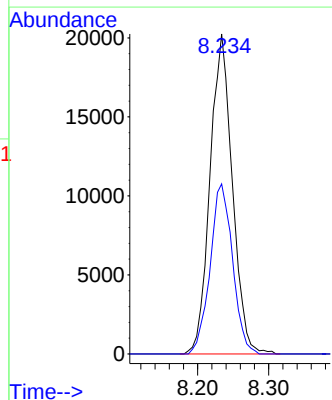
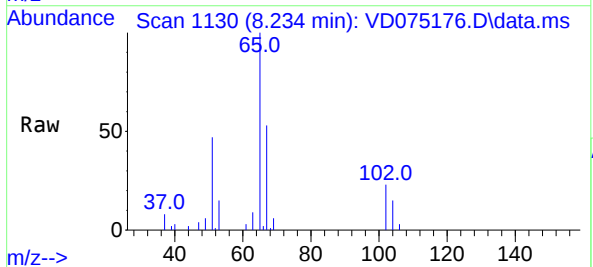
Acq: 23 Jan 2023 15:27

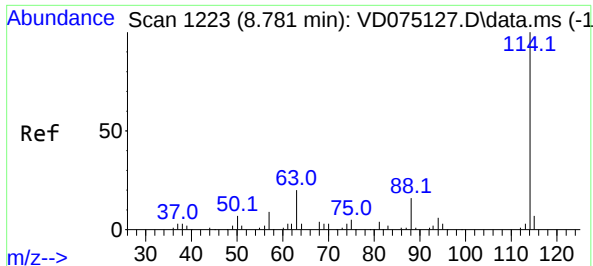
Tgt Ion: 65 Resp: 44088

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.2

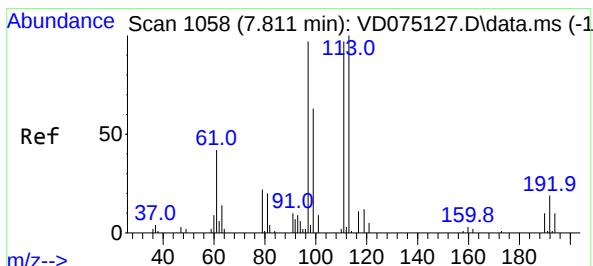
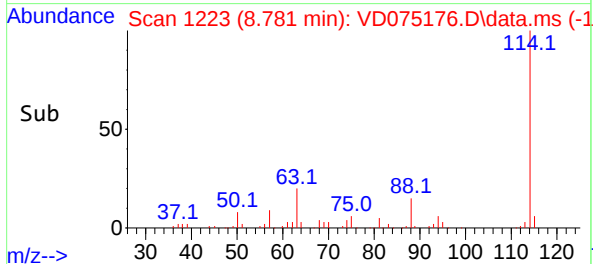
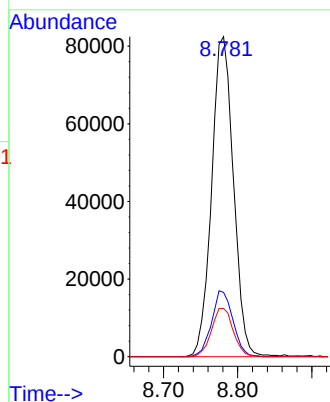
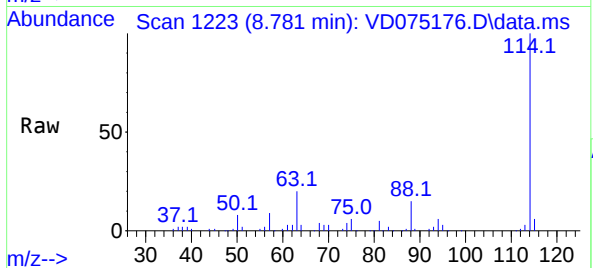




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

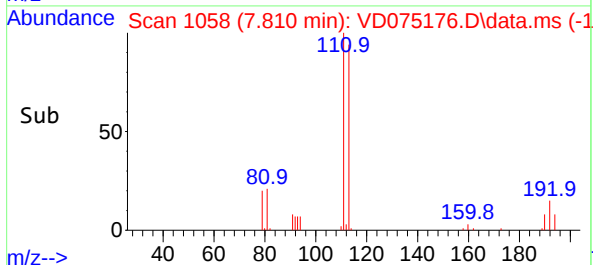
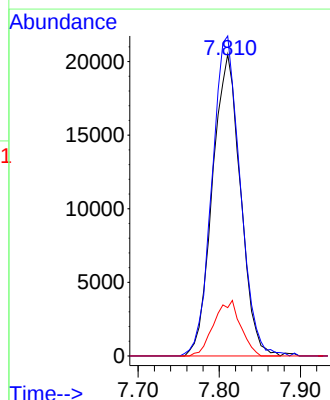
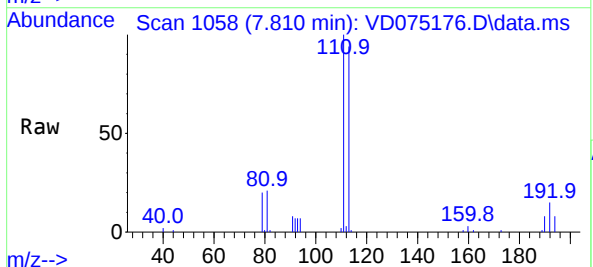
Instrument :
MSVOA_D
ClientSampleId :
B-P37A

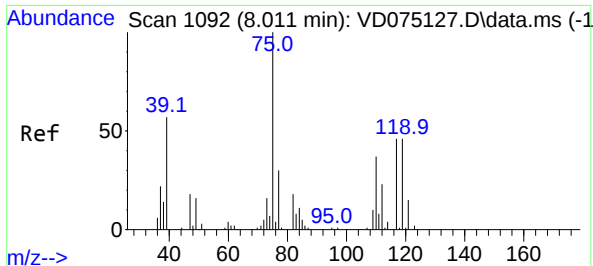
Tgt Ion:114 Resp: 168462
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 15.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.166 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion:113 Resp: 49031
Ion Ratio Lower Upper
113 100
111 106.9 80.1 120.1
192 17.6 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.807 ug/l

RT: 7.881 min Scan# 1092

Delta R.T. -0.130 min

Lab File: VD075176.D

Acq: 23 Jan 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

B-P37A

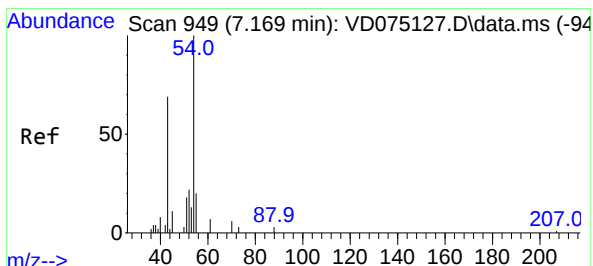
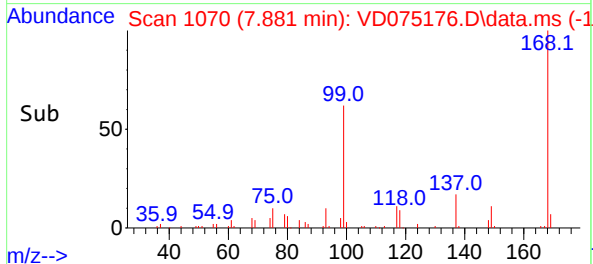
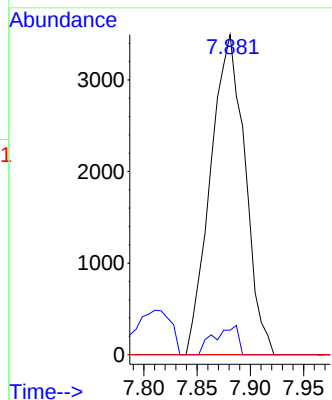
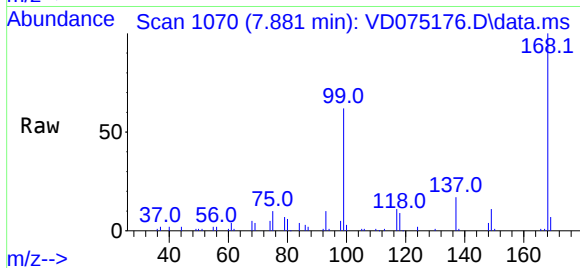
Tgt Ion: 75 Resp: 7862

Ion Ratio Lower Upper

75 100

110 6.3 18.1 54.4#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.260 ug/l

RT: 7.051 min Scan# 929

Delta R.T. -0.118 min

Lab File: VD075176.D

Acq: 23 Jan 2023 15:27

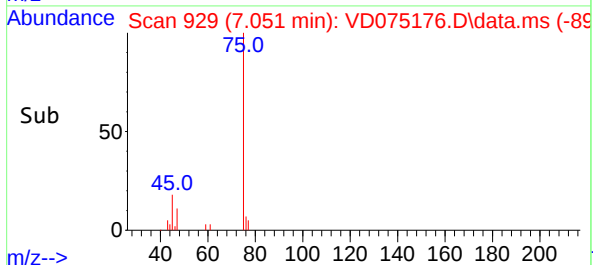
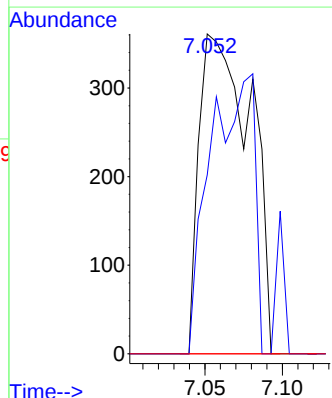
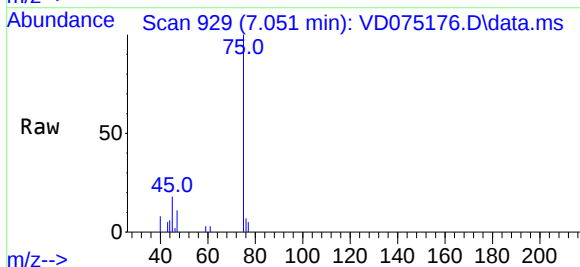
Tgt Ion: 43 Resp: 830

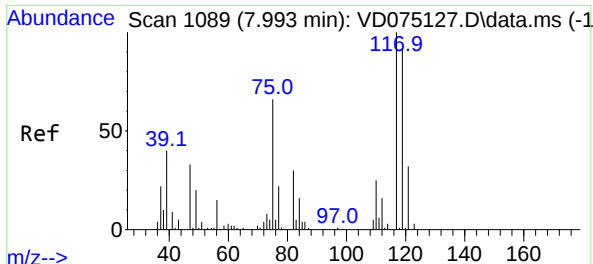
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

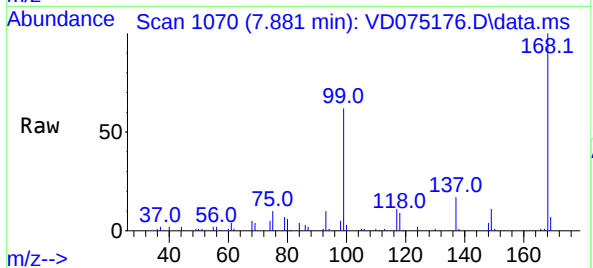
70 0.0 8.8 13.2#



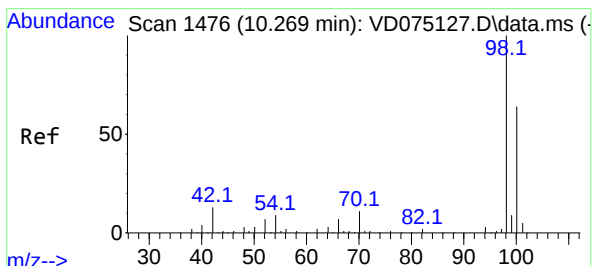
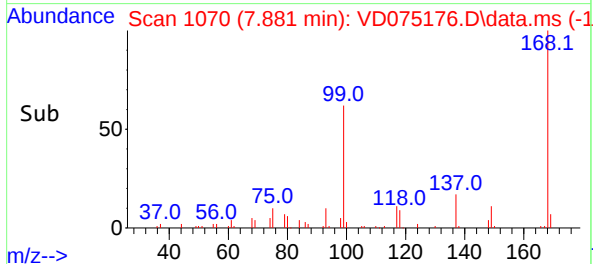
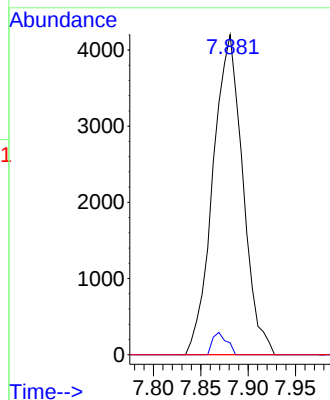


#38
Carbon Tetrachloride
Concen: 6.697 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
B-P37A

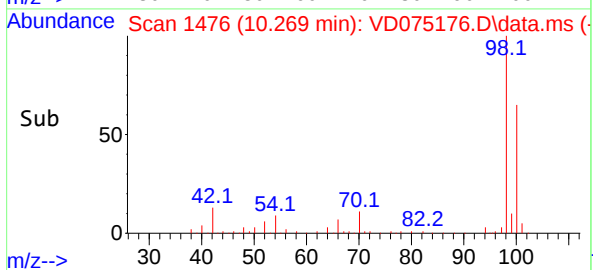
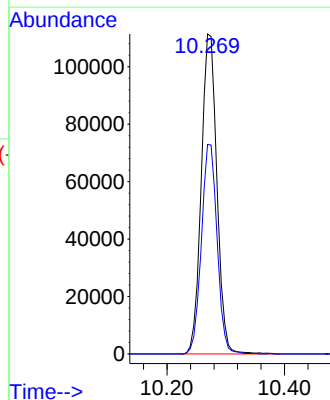
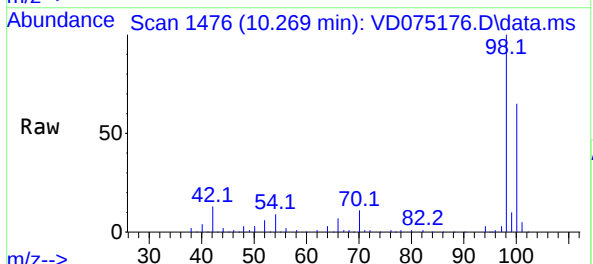


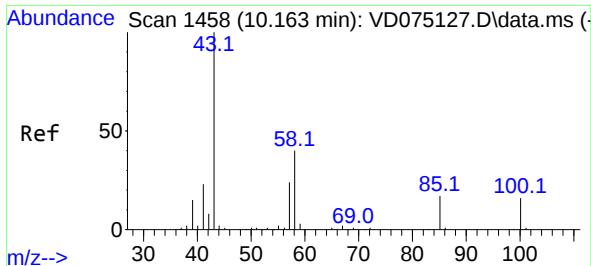
Tgt Ion:117 Resp: 9222
Ion Ratio Lower Upper
117 100
119 3.7 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.413 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion: 98 Resp: 206068
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1

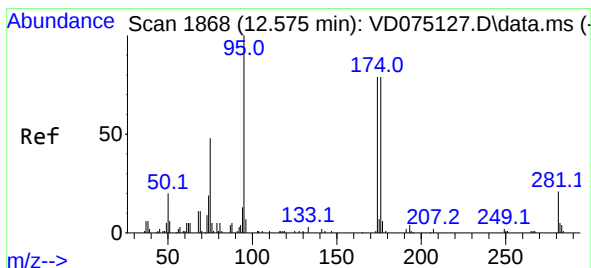
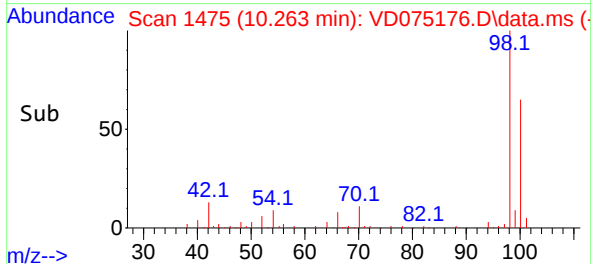
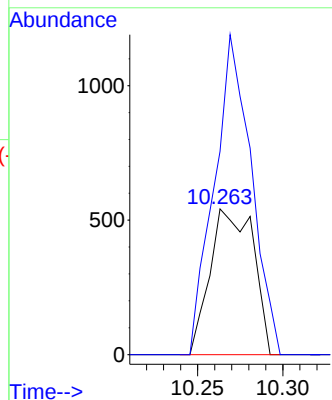
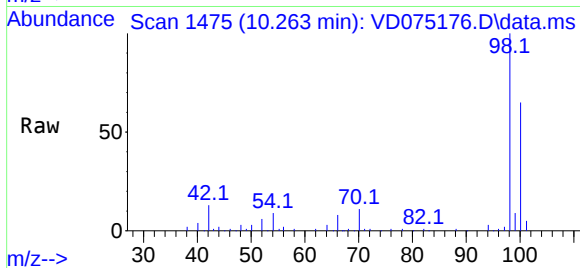




#51
4-Methyl-2-Pentanone
Concen: 1.553 ug/l
RT: 10.263 min Scan# 1458
Delta R.T. 0.100 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

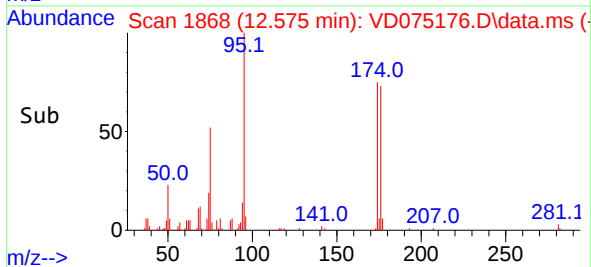
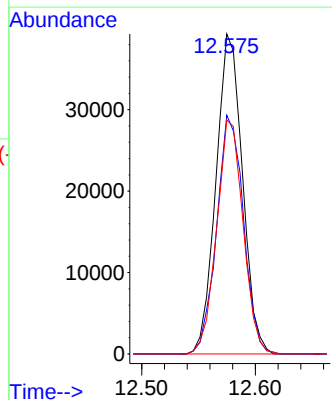
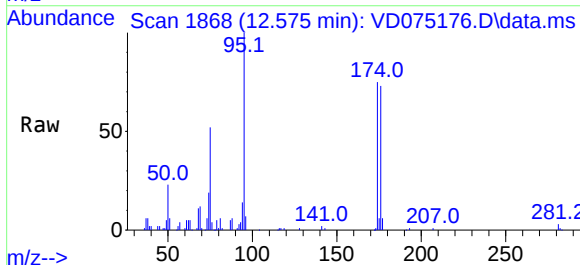
Instrument :
MSVOA_D
ClientSampleId :
B-P37A

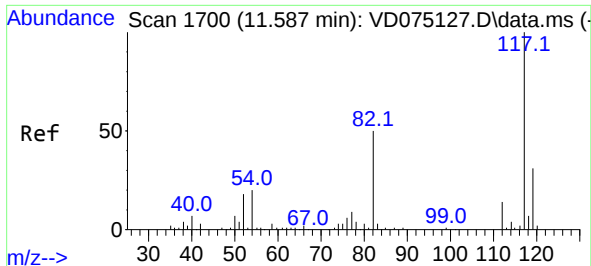
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 188.4 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 50.024 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion: 95 Resp: 63633
Ion Ratio Lower Upper
95 100
174 75.6 0.0 161.2
176 73.1 0.0 160.2

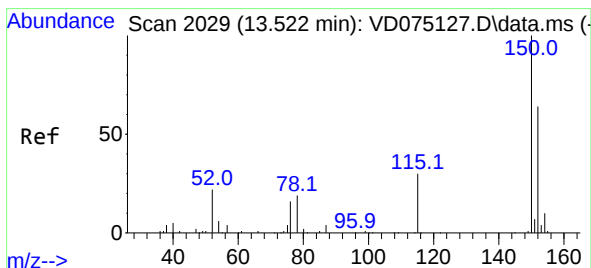
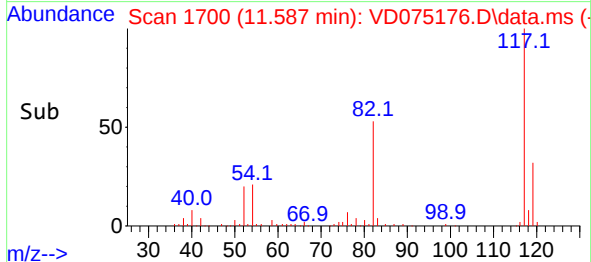
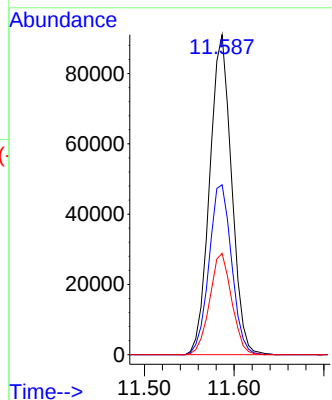
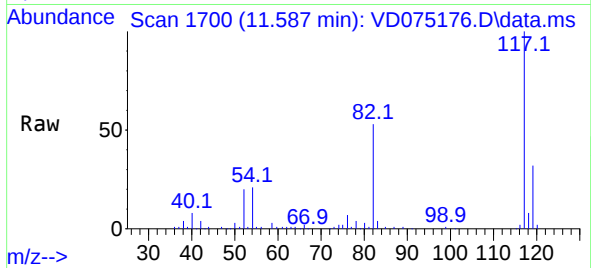




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

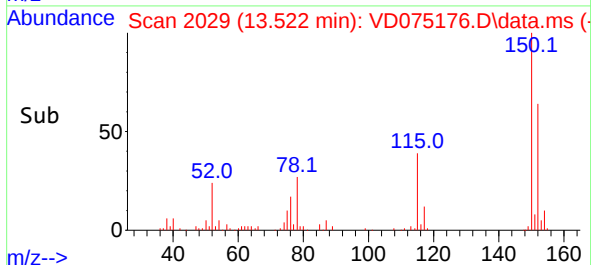
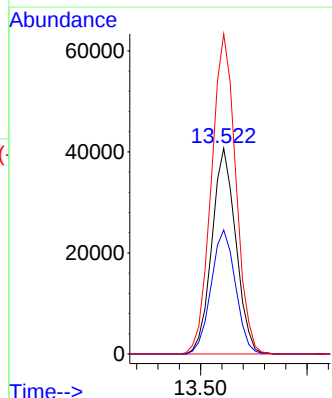
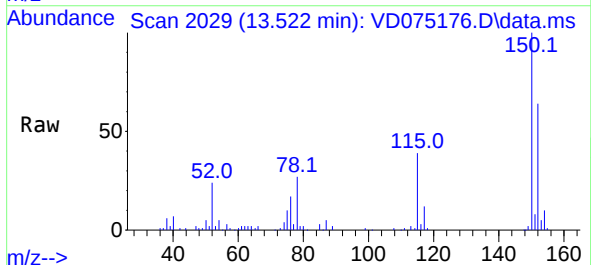
Instrument :
MSVOA_D
ClientSampleId :
B-P37A

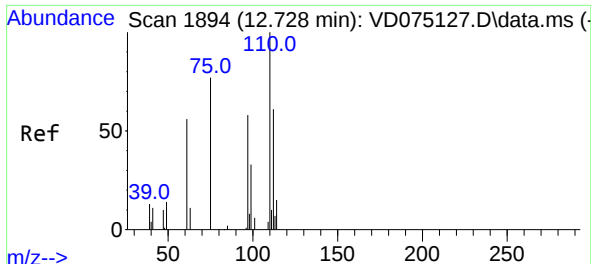
Tgt Ion:117 Resp: 154125
Ion Ratio Lower Upper
117 100
82 53.1 39.6 59.4
119 31.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion:152 Resp: 63432
Ion Ratio Lower Upper
152 100
115 61.5 28.8 86.4
150 158.9 0.0 348.6

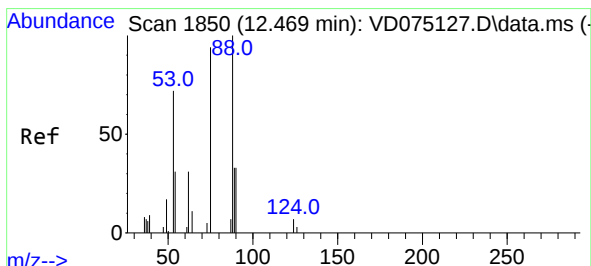
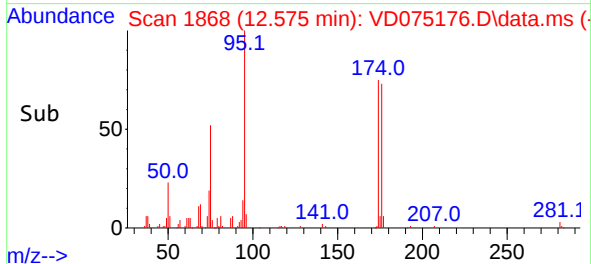
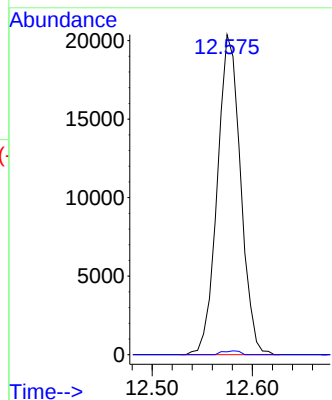
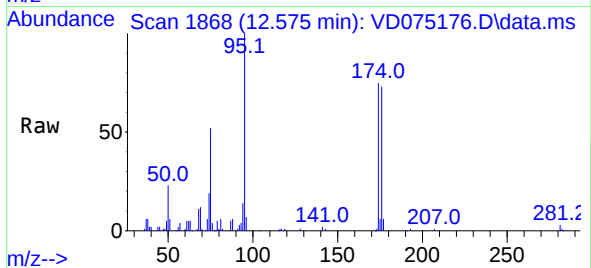




#76
1,2,3-Trichloropropane
Concen: 61.055 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
B-P37A

Tgt Ion: 75 Resp: 32800
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.621 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075176.D
Acq: 23 Jan 2023 15:27

Tgt Ion: 75 Resp: 32800
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

